

## Hit List

[First Hit](#)[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

**Search Results - Record(s) 1 through 6 of 6 returned.**

☐ 1. Document ID: US 7216163 B2

L12: Entry 1 of 6

File: USPT

May 8, 2007

US-PAT-NO: 7216163

DOCUMENT-IDENTIFIER: US 7216163 B2

TITLE: Method and apparatus for provisioning tasks using a provisioning bridge server

DATE-ISSUED: May 8, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030217101 A1

November 20, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Sinn; Richard P.

Milpitas

CA

US

ASSIGNEE-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY TYPE CODE

Oracle International Corporation Redwood Shores CA

US 02

APPL-NO: 10/146150 [PALM]

DATE FILED: May 15, 2002

INT-CL-ISSUED:

TYPE IPC

DATE

IPC-OLD

IPCP G06F15/16 20060101 G06F015/16

IPCS G06F15/173 20060101 G06F015/173

INT-CL-CURRENT:

TYPE IPC

DATE

CIPP G06 F 15/16 20060101

CIPS G06 F 15/173 20060101

US-CL-ISSUED: 709/224; 709/203, 709/223, 709/225, 709/226

US-CL-CURRENT: 709/224; 709/203, 709/223, 709/225, 709/226

FIELD-OF-CLASSIFICATION-SEARCH: 709/203, 709/223, 709/201, 709/224, 709/225, 709/226, 713/201

ASSISTANT-EXAMINER: Nguyen; Quang N.

ATTY-AGENT-FIRM: Townsend and Townsend and Crew LLP

## ABSTRACT:

The present invention is directed to technology for interacting with provisioning systems. An entity has an associated job code attribute that corresponds to a set of external resources. In one embodiment, an Identity System assigns the job code attribute to the entity. The external resources may be supported by different provisioning systems. A Provisioning Bridge Server determines whether a set of provisioning systems supports the resources corresponding to the job code attribute. The Provisioning Bridge Server also provisions the tasks required to make the external resources available to the entity. The tasks may be provisioned across multiple provisioning systems.

34 Claims, 28 Drawing figures

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|

☐ 2. Document ID: US 7213249 B2

L12: Entry 2 of 6

File: USPT

May 1, 2007

US-PAT-NO: 7213249

DOCUMENT-IDENTIFIER: US 7213249 B2

TITLE: Blocking cache flush requests until completing current pending requests in a local server and remote server

DATE-ISSUED: May 1, 2007

## PRIOR-PUBLICATION:

DOC-ID

DATE

US 20020143865 A1

October 3, 2002

## INVENTOR-INFORMATION:

| NAME               | CITY        | STATE | ZIP CODE | COUNTRY |
|--------------------|-------------|-------|----------|---------|
| Tung Loo; Elise Y. | Foster City | CA    |          | US      |
| Lee; Chi Cheng     | Santa Clara | CA    |          | US      |
| Agarwal; Sachin    | Sunnyvale   | CA    |          | US      |

## ASSIGNEE-INFORMATION:

| NAME                             | CITY           | STATE | ZIP CODE | COUNTRY | TYPE | CODE |
|----------------------------------|----------------|-------|----------|---------|------|------|
| Oracle International Corporation | Redwood Shores | CA    |          | US      |      | 02   |

APPL-NO: 09/997408 [PALM]

DATE FILED: November 30, 2001

## RELATED-US-APPL-DATA:

us-provisional-application US 60258087 00 20001222

U.S. Appl. No. 09/999,074, Office Action dated Mar. 24, 2005, 24 pages. cited by other  
U.S. Appl. No. 09/999,074, Final Office Action dated Sep. 20, 2005, 19 pages. cited by other  
U.S. Appl. No. 09/999,074, Advisory Action dated Dec. 20, 2005, 3 pages. cited by other  
U.S. Appl. No. 09/999,177, Office Action dated Mar. 25, 2005, 23 pages. cited by other  
U.S. Appl. No. 09/999,177, Final Office Action dated Sep. 14, 2005, 26 pages. cited by other  
U.S. Appl. No. 09/999,177, Advisory Action dated Dec. 14, 2005, 6 pages. cited by other  
U.S. Appl. No. 10/145,684, Office Action dated Jun. 16, 2005, 17 pages. cited by other  
U.S. Appl. No. 10/145,684, Final Office Action dated Dec. 1, 2005, 10 pages. cited by other  
U.S. Appl. No. 10/145,684, Advisory Action dated Mar. 9, 2006, 3 pages. cited by other  
U.S. Appl. No. 10/146,150, Office Action dated Jul. 27, 2005, 17 pages. cited by other  
U.S. Appl. No. 10/146,150, Final Office Action dated Dec. 20, 2005, 12 pages. cited by other  
U.S. Appl. No. 10/146,150, Advisory Action dated Mar. 13, 2006, 4 pages. cited by other

ART-UNIT: 2142

PRIMARY-EXAMINER: Harrell; Robert B.

ATTY-AGENT-FIRM: Townsend and Townsend and Crew LLP

ABSTRACT:

Identity Servers issue and respond to requests for performing remote operations. A local Identity Server receives a request to perform a remote operation. The local Identity Server identifies and executes any required local operations. After completing the local operations, the local Identity Server forwards the remote request to a remote Identity Server, which executes the remote operation. An Identity Server includes a management service, management registry, and request handler. The management service identifies and issues remote request to other servers. The request handler receives remote requests from other servers. The management registry maintains an index of function modules for performing local operations.

24 Claims, 77 Drawing figures

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | RIMC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|

☐ 3. Document ID: US 7085834 B2

L12: Entry 3 of 6

File: USPT

Aug 1, 2006

US-PAT-NO: 7085834

DOCUMENT-IDENTIFIER: US 7085834 B2

TITLE: Determining a user's groups

DATE-ISSUED: August 1, 2006

PRIOR-PUBLICATION:

| DOC-ID            | DATE               |
|-------------------|--------------------|
| US 20020138572 A1 | September 26, 2002 |

INVENTOR-INFORMATION:

| NAME             | CITY          | STATE | ZIP CODE | COUNTRY |
|------------------|---------------|-------|----------|---------|
| Delany; Shawn P. | San Jose      | CA    |          | US      |
| Ahmed; Sajeed    | Mountain View | CA    |          | US      |

ASSIGNEE-INFORMATION:

| NAME                             | CITY           | STATE | ZIP CODE | COUNTRY | TYPE | CODE |
|----------------------------------|----------------|-------|----------|---------|------|------|
| Oracle International Corporation | Redwood Shores | CA    |          | US      |      | 02   |

APPL-NO: 09/999177 [PALM]  
DATE FILED: November 30, 2001

RELATED-US-APPL-DATA:

us-provisional-application US 60258087 00 20001222  
us-provisional-application US 60285524 00 20010420

INT-CL-ISSUED:

| TYPE | IPC        | DATE     | IPC-OLD     |
|------|------------|----------|-------------|
| IPCP | G06F15/173 | 20060101 | G06F015/173 |
| IPCS | G06F7/00   | 20060101 | G06F007/00  |

INT-CL-CURRENT:

| TYPE | IPC                 | DATE     |
|------|---------------------|----------|
| CIPP | <u>G06 F 15/173</u> | 20060101 |
| CIPS | <u>G06 F 7/00</u>   | 20060101 |

US-CL-ISSUED: 709/225; 707/9  
US-CL-CURRENT: 709/225; 707/9

FIELD-OF-CLASSIFICATION-SEARCH: 709/204, 709/225, 709/229, 709/223, 713/201, 707/2, 707/7, 707/102, 707/1, 707/9, 726/1, 726/2  
See application file for complete search history.

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

| PAT-NO         | ISSUE-DATE    | PATENTEE-NAME  | US-CL |
|----------------|---------------|----------------|-------|
| <u>5077666</u> | December 1991 | Brimm et al.   |       |
| <u>5455953</u> | October 1995  | Russell        |       |
| <u>5530861</u> | June 1996     | Diamant et al. |       |

SiteMinder Agent Operations, Version 4.0, Netegrity Inc., 1997. cited by other  
SiteMinder Deployment Guide, Version 4.0, Netegrity Inc., 1997. cited by other  
SiteMinder Policy Server Operations Guide, Version 4.0, Netegrity Inc., 1997. cited by other  
SiteMinder Developer's API Guide, Version 4.0, Netegrity Inc., 1997. cited by other  
SiteMinder Installation Guide, Version 4.0, Netegrity Inc., 1997. cited by other

ART-UNIT: 2155

PRIMARY-EXAMINER: Najjar; Saleh

ASSISTANT-EXAMINER: Lazaro; David

ATTY-AGENT-FIRM: Townsend and Townsend and Crew, LLP

ABSTRACT:

The present invention is directed to technology for determining the set of groups that a user is a member of. A user can be a static member, dynamic member or nested member of a group. A user is a nested member of a first group if that user is a member of a second group and the second group is a member of the first group. There can be multiple levels of nesting. For example, an entity can be a nested member of a first group if that entity is a member of a second group, which is a member of a third group, which is a member of a fourth group, which is a member of the first group. The present invention can determine the groups for which the user is a static member, dynamic member or nested member.

29 Claims, 77 Drawing figures

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 4. Document ID: US 6816871 B2

L12: Entry 4 of 6

File: USPT

Nov 9, 2004

US-PAT-NO: 6816871

DOCUMENT-IDENTIFIER: US 6816871 B2

TITLE: Delivering output XML with dynamically selectable processing

DATE-ISSUED: November 9, 2004

INVENTOR-INFORMATION:

| NAME            | CITY          | STATE | ZIP CODE | COUNTRY |
|-----------------|---------------|-------|----------|---------|
| Lee; Michele C. | San Francisco | CA    |          |         |

ASSIGNEE-INFORMATION:

| NAME        | CITY      | STATE | ZIP CODE | COUNTRY | TYPE CODE |
|-------------|-----------|-------|----------|---------|-----------|
| Oblix, Inc. | Cupertino | CA    |          |         | 02        |

APPL-NO: 09/998894 [PALM]

DATE FILED: November 30, 2001

## PARENT-CASE:

This application claims the benefit of U.S. Provisional Application No. 60/258,087, "Integrated Identity and Access Management Systems With Group and Organization Managers," filed on Dec. 22, 2000; and U.S. Provisional Application No. 60/285,524, "Integrated Identity and Access Management System," filed on Apr. 20, 2001; both of which are incorporated herein by reference. COPYRIGHT NOTICE A portion of the disclosure of this patent document contains material, which is subject to copyright protection. The copyright owner has no objection to the reproduction by anyone of the patent document or the patent disclosure as it appears in the United States Patent and Trademark Office patent file or records, but otherwise reserves all copyright rights whatsoever.

INT-CL-ISSUED: [07] G06F 17/30

## INT-CL-CURRENT:

| TYPE | IPC                | DATE     |
|------|--------------------|----------|
| CIPS | <u>G06 Q 10/00</u> | 20060101 |
| CIPS | <u>G06 F 17/30</u> | 20060101 |
| CIPS | <u>G06 F 21/00</u> | 20060101 |
| CIPS | <u>H04 L 29/06</u> | 20060101 |
| CIPN | <u>H04 L 29/08</u> | 20060101 |

US-CL-ISSUED: 707/104.1; 707/10

US-CL-CURRENT: 707/104.1; 707/10

FIELD-OF-CLASSIFICATION-SEARCH: 707/2, 707/10, 707/103Y, 707/103R, 707/104.1, 235/462.01, 701/33, 709/218, 709/246, 709/310, 715/501.1, 715/513, 715/523, 717/102, 717/106

See application file for complete search history.

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

| PAT-NO         | ISSUE-DATE     | PATENTEE-NAME     | US-CL      |
|----------------|----------------|-------------------|------------|
| <u>5907837</u> | May 1999       | Ferrel et al.     |            |
| <u>6012098</u> | January 2000   | Bayeh et al.      | 709/246    |
| <u>6131120</u> | October 2000   | Reid              |            |
| <u>6263332</u> | July 2001      | Nasr et al.       |            |
| <u>6263363</u> | July 2001      | Rosenblatt et al. |            |
| <u>6295061</u> | September 2001 | Park et al.       |            |
| <u>6317783</u> | November 2001  | Freishtat et al.  | 709/218    |
| <u>6330569</u> | December 2001  | Baisley et al.    |            |
| <u>6336124</u> | January 2002   | Alam et al.       |            |
| <u>6336214</u> | January 2002   | Sundaresan        |            |
| <u>6397232</u> | May 2002       | Cheng-Hung et al. | 715/523    |
| <u>6507857</u> | January 2003   | Yalcinalp         | 715/513    |
| <u>6540142</u> | April 2003     | Alleshouse        | 235/462.01 |

|                |               |                    |            |
|----------------|---------------|--------------------|------------|
| <u>6591260</u> | July 2003     | Schwarzhoff et al. | 707/2      |
| <u>6606644</u> | August 2003   | Ford et al.        | 235/462.01 |
| <u>6655593</u> | December 2003 | Alleshouse         | 709/203    |

## FOREIGN PATENT DOCUMENTS

| FOREIGN-PAT-NO | PUBN-DATE    | COUNTRY | CLASS |
|----------------|--------------|---------|-------|
| WO 02/07396    | January 2002 | WO      |       |

## OTHER PUBLICATIONS

Leon, McAfee's NetTools Promises to Ease Network Desktop Diagnosis, InfoWorld, San Mateo, Jul. 24, 1995, vol. 17, Iss. 30, p. 53.

Cooney, IBM rolls out host-and server-based mgmt. apps, Network World, Framingham, Feb. 6, 1995, vol. 12, Iss. 6, pp. 6-7.

Walsh, Remedy releases three applications for help-desk suite, InfoWorld, San Mateo, Apr. 21, 1997, vol. 19, Iss. 16, p. 34.

Schmersal, Testing to maintain service standards, Communications News, Nokomis, Mar. 1998, vol. 35, Iss. 3, pp. 22-23.

Musthaler, The trouble with help desk selection, Network World, Framingham, Feb. 20, 1995, vol. 12, Iss. 8, pp. 35-39.

Clear Trust, Unified Access Management, Securant Technologies, Inc., pp. 1-23, 1997.

Site Minder Agent Operations, Version 4.0, Netegrity Inc., 1997.

SiteMinder Deployment Guide, Version 4.0, Netegrity Inc., 1997.

SiteMinder Policy Server Operations Guide, Version 4.0, Netegrity Inc., 1997.

SiteMinder Developer's API Guide, Version 4.0, Netegrity Inc., 1997.

SiteMinder Installation Guide, Version 4.0, Netegrity Inc., 1997.

ART-UNIT: 2175

PRIMARY-EXAMINER: Mizrahi; Diane D.

ASSISTANT-EXAMINER: Mofiz; Apu M

ATTY-AGENT-FIRM: Vierra Magen Marcus Harmon &amp; DeNiro, LLP

## ABSTRACT:

In response to a user request, an Identity System generates an Output XML containing raw identity information organized in accordance with a set of XML templates. The Identity System dynamically determines the desired response type and prepares the response from the Output XML. One response type is server-side processing--the Identity System combines the Output XML with XSL stylesheets to generate a HTML response. An alternative response type is client-side processing--the Identity System supplies the user with the Output XML. In further client-side embodiments, the Identity System provides XSL stylesheet references along with the Output XML. Additional embodiments provide for the Identity System to perform customized post-processing on the Output XML.

33 Claims, 77 Drawing figures

|      |       |          |       |        |                |      |           |           |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | RMIC | Draw. D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 5. Document ID: US 6782379 B2

L12: Entry 5 of 6

File: USPT

Aug 24, 2004

US-PAT-NO: 6782379

DOCUMENT-IDENTIFIER: US 6782379 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: Preparing output XML based on selected programs and XML templates

DATE-ISSUED: August 24, 2004

## INVENTOR-INFORMATION:

| NAME            | CITY          | STATE | ZIP CODE | COUNTRY |
|-----------------|---------------|-------|----------|---------|
| Lee; Michele C. | San Francisco | CA    |          |         |

## ASSIGNEE-INFORMATION:

| NAME        | CITY      | STATE | ZIP CODE | COUNTRY | TYPE CODE |
|-------------|-----------|-------|----------|---------|-----------|
| Oblix, Inc. | Cupertino | CA    |          |         | 02        |

APPL-NO: 09/997410 [PALM]

DATE FILED: November 30, 2001

## PARENT-CASE:

CROSS-REFERENCE TO RELATED APPLICATIONS This Application is related to United States Patent Application titled "Delivering Output XML With Dynamically Selectable Processing," by Michele C. Lee, Attorney U.S. patent application Ser. No. 09/998894, now pending filed on the same day as the present application, which is incorporated herein by reference. This application claims the benefit of U.S. Provisional Application No. 60/258,087, now expired "Integrated Identity and Access Management Systems With Group and Organization Managers," filed on Dec. 22, 2000; and U.S. Provisional Application No. 60/285,524, now expired "Integrated Identity and Access Management System," filed on Apr. 20, 2001; both of which are incorporated herein by reference.

INT-CL-ISSUED: [07] G06F 17/30

## INT-CL-CURRENT:

| TYPE | IPC                | DATE     |
|------|--------------------|----------|
| CIPS | <u>G06 Q 10/00</u> | 20060101 |
| CIPS | <u>G06 F 17/30</u> | 20060101 |
| CIPS | <u>H04 L 29/06</u> | 20060101 |
| CIPS | <u>G06 F 21/00</u> | 20060101 |
| CIPN | <u>H04 L 29/08</u> | 20060101 |

US-CL-ISSUED: 707/2; 707/104.1

US-CL-CURRENT: 707/2; 707/104.1

FIELD-OF-CLASSIFICATION-SEARCH: 707/2, 707/10, 707/103T, 707/103R, 235/462.01, 701/33, 709/218, 709/246, 709/310, 715/501.1, 715/513, 715/523, 717/102, 717/106  
See application file for complete search history.



|                     |            |                  |
|---------------------|------------|------------------|
| <u>2002/0032684</u> | March 2002 | Kobayashi et al. |
| <u>2003/0145074</u> | July 2003  | Penick           |

## FOREIGN PATENT DOCUMENTS

| FOREIGN-PAT-NO | PUBN-DATE    | COUNTRY | CLASS |
|----------------|--------------|---------|-------|
| WO 02/07396    | January 2002 | WO      |       |

## OTHER PUBLICATIONS

Leon, McAfee's NetTools Promises to Ease Network Desktop Diagnosis, InfoWorld, San Mateo, Jul. 24, 1995, vol. 17, Iss. 30, p. 53.

Cooney, IBM rolls out host- and server-based mgmt. apps, Network World, Framingham, Feb. 6, 1995, vol. 12, Iss. 6, pp. 6-7.

Walsh, Remedy releases three applications for help-desk suite, InfoWorld, San Mateo, Apr. 21, 1997, vol. 19, Iss. 16, p. 34.

Schmersal, Testing to maintain service standards, Communications News, Nokomis, Mar. 1998, vol. 35, Iss. 3, pp. 22-23.

Musthaler, The trouble with help desk selection, Network World, Framingham, Feb. 20, 1995, vol. 12, Iss. 8, pp. 35-39.

Clear Trust, Unified Access Management, Securant Technologies, Inc., pp. 1-23, 1997.

SiteMinder Agent Operations, Version 4.0, Netegrity Inc., 1997.

SiteMinder Deployment Guide, Version 4.0, Netegrity Inc., 1997.

SiteMinder Policy Server Operations Guide, Version 4.0, Netegrity Inc., 1997.

SiteMinder Developer's API Guide, Version 4.0, Netegrity Inc., 1997.

SiteMinder Installation Guide, Version 4.0, Netegrity Inc., 1997.

ART-UNIT: 2175

PRIMARY-EXAMINER: Mizrahi; Diane B.

ASSISTANT-EXAMINER: Mofiz; Apu M

ATTY-AGENT-FIRM: Vierra Magen Marcus Harmon &amp; DeNiro LLP

## ABSTRACT:

An Identity System delivers customized request responses that integrate the results of multiple programs. The Identity System receives and translates a user request. The Identity Systems employs a program service to identify all the programs required to complete the request. The Identity System uses a XML data registry to retrieve a XML template and XSL stylesheet for each program. The Identity System executes all of the programs for the request and organizes their results into a single data structure, based on the templates for each program. The Identity System then applies attribute display characteristics to convert the data structure into a single Output XML. The Output XML can be provided directly to the user or receive further processing using the retrieved XSL stylesheets.

45 Claims, 77 Drawing figures

|      |       |          |       |        |                |      |           |           |             |        |      |         |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KIMC | Draw D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 6. Document ID: US 6675261 B2

L12: Entry 6 of 6

File: USPT

Jan 6, 2004

US-PAT-NO: 6675261

DOCUMENT-IDENTIFIER: US 6675261 B2

TITLE: Request based caching of data store data

DATE-ISSUED: January 6, 2004

## INVENTOR-INFORMATION:

| NAME                 | CITY        | STATE | ZIP CODE | COUNTRY |
|----------------------|-------------|-------|----------|---------|
| Shandony; Michael J. | Santa Clara | CA    |          |         |

## ASSIGNEE-INFORMATION:

| NAME        | CITY      | STATE | ZIP CODE | COUNTRY | TYPE CODE |
|-------------|-----------|-------|----------|---------|-----------|
| Oblix, Inc. | Cupertino | CA    |          |         | 02        |

APPL-NO: 09/998896 [PALM]

DATE FILED: November 30, 2001

## PARENT-CASE:

This application claims the benefit of U.S. Provisional Application No. 60/258,087, "Integrated Identity and Access Management Systems With Group and Organization Managers," filed on Dec. 22, 2000; and U.S. Provisional Application No. 60/285,524, "Integrated Identity and Access Management System," filed on Apr. 20, 2001; both of which are incorporated herein by reference.

INT-CL-ISSUED: [07] G06F 12/00

## INT-CL-CURRENT:

| TYPE IPC         | DATE     |
|------------------|----------|
| CIPS G06 F 17/30 | 20060101 |
| CIPS H04 L 29/06 | 20060101 |

US-CL-ISSUED: 711/121; 711/129, 711/154, 711/170, 709/104, 709/105, 710/56, 710/310

US-CL-CURRENT: 711/121; 710/310, 710/56, 711/129, 711/154, 711/170, 718/104, 718/105

FIELD-OF-CLASSIFICATION-SEARCH: 709/100, 709/101, 709/102, 709/103, 709/104, 709/105, 709/106, 709/107, 709/108, 710/52, 710/56, 710/310, 711/3, 711/118, 711/119, 711/121, 711/124, 711/129, 711/130, 711/147, 711/148, 711/152, 711/154, 711/170, 711/173

See application file for complete search history.

## PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

| PAT-NO              | ISSUE-DATE     | PATENTEE-NAME      | US-CL   |
|---------------------|----------------|--------------------|---------|
| <u>6131120</u>      | October 2000   | Reid               |         |
| <u>6304949</u>      | October 2001   | Houlsdworth        | 711/170 |
| <u>6366913</u>      | April 2002     | Fitler, Jr. et al. |         |
| <u>6442567</u>      | August 2002    | Retallick et al.   |         |
| <u>6539379</u>      | March 2003     | Vora et al.        |         |
| <u>6542515</u>      | April 2003     | Kumar et al.       |         |
| <u>6564370</u>      | May 2003       | Hunt               |         |
| <u>2001/0049770</u> | December 2001  | Cai et al.         | 711/129 |
| <u>2002/0062435</u> | May 2002       | Nemirovsky et al.  | 712/7   |
| <u>2002/0078307</u> | June 2002      | Zahir              | 711/145 |
| <u>2002/0103819</u> | August 2002    | Duvillier et al.   | 707/206 |
| <u>2002/0108003</u> | August 2002    | Ellis et al.       | 710/39  |
| <u>2002/0129177</u> | September 2002 | McGuire et al.     | 709/315 |

ART-UNIT: 2187

PRIMARY-EXAMINER: Sparks; Donald

ASSISTANT-EXAMINER: Chase; Christian P.

ATTY-AGENT-FIRM: Vierra Magen Marcus Harmon &amp; DeNiro LLP

## ABSTRACT:

A request, such as those embedded in URLs and XML documents, is assigned to a thread of execution in a server that is in communication with a data store. The thread of execution includes a thread local storage with a pointer to a cache object. The cache object maintains copies of data store entries frequently accessed by the assigned request. The cache object is accessed in response to data store access commands arising from the request. When a data store access command specifies a data store entry not found in the cache object, the server creates and loads a corresponding cache object entry. The cache object is not updated when other requests alter data store entries, and memory access commands arising from other requests cannot cause the cache object to be accessed. When the request causes the server to write data to the data store, the cache object also maintains a copy of the written data. The server retrieves the written data from the cache object in response to subsequent data store access queries arising from the request. The cache object is destroyed once the server completes a response to the request.

36 Claims, 77 Drawing figures

|      |       |          |       |        |                |      |           |           |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KIMC | Draw. D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

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| Clear | Generate Collection | Print | Fwd Refs | Blkwd Refs | Generate OACS |
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| Term | Documents |
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| AUXILIARY                               | 230634 |
| AUXILIARIES                             | 18334  |
| AUXILIARYS                              | 6      |
| CLASS                                   | 274829 |
| CLASSES                                 | 109596 |
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(a) Any amateur station licensed to a holder of a Technician, Technician Plus, General, Advanced or Amateur Extra **Class** operator license may be an **auxiliary** ...  
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This document defines an attribute of a user **identity** which contains a list of the ... This **auxiliary class** might most usefully be combined with the person ...  
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**Terms and Terminology's**

For example, the process that verifies the **identity** of a user who logs on to a computer either ... The full set of **auxiliary classes** is the union of the ...  
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**Functional Levels Background Information**

For example, you can control the replication scope of Domain Name **System** (DNS) ... The ability to create instances of the dynamic **auxiliary class** called ...  
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**Ahoy - Mac's Web Log - Archer Class Auxiliary Carrier, HMS Dasher ...**

Archer **Class Auxiliary** Carrier, HMS Dasher Destroyed by Explosion on the 27nd. of ... An **identity** disc was attached to his braces, it carried the engraving: ...  
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### Migrating standard and nonstandard maps

For example, an **auxiliary class** called posixAccount is added to the **class** user, which, ...  
 Because **Identity** Management for UNIX is compliant with Internet ...  
[technet2.microsoft.com/windowsserver/en/library/ff481e55-aa6c-411b-bdde-c532c218d71b1033.mspx](http://technet2.microsoft.com/windowsserver/en/library/ff481e55-aa6c-411b-bdde-c532c218d71b1033.mspx) - 20k - [Cached](#) - [Similar pages](#)

### docs.sun.com: Sun Java System Access Manager 7.1 Postinstallation ...

Definition: **Auxiliary class** that has to be present in an entry for delivery of subscriber ...  
 Description: Specifies the Liberty PP alternate **identity** type. ...  
[docs.sun.com/app/docs/doc/819-5899/6n7uuthbp?a=view](http://docs.sun.com/app/docs/doc/819-5899/6n7uuthbp?a=view) - 53k - [Cached](#) - [Similar pages](#)

### Subject-oriented programming and design patterns

These patterns render change practically impossible, since the exposed interfaces of **auxiliary class** structures cannot be changed without great difficulty. ...  
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### MACE-Dir Local Domain Person Object Class Study

The registry is the **system** in which **identity** of resources is resolved. ... The **auxiliary** object **class** ndDirectoryEntry contains attributes which are ...  
[middleware.internet2.edu/dir/docs/internet2-mace-dir-localdomainperson-200505.html](http://middleware.internet2.edu/dir/docs/internet2-mace-dir-localdomainperson-200505.html) - 66k - [Cached](#) - [Similar pages](#)

### ITU-T Recommendation H.350

X **classes**. If it is desired to extend an H.350.X **auxiliary class**, then that should be ...  
 endpoint in a conference room whose **identity** never changes. ...  
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### Oracle Security and Identity Management

Now we need to create a new **auxiliary** object **class** and assign our three new attributes to it. With the "Schema Management" entry highlighted in your ODM DIT ...  
[www.oracle.com/technology/products/oid/oidhtml/sec\\_idm\\_training/html\\_masters/c\\_page07.htm](http://www.oracle.com/technology/products/oid/oidhtml/sec_idm_training/html_masters/c_page07.htm) - 32k - [Cached](#) - [Similar pages](#)

### Visual Studio Magazine - Database Design - Secure Your Directory ...

ADAM shares a storage engine (Directory **System** Agent [DSA]) and the protocol to access it (Lightweight ... A **class** can also inherit from **auxiliary classes**. ...  
[www.ftponline.com/channels/security/vsm/2004\\_05/magazine/columns/databasedesign/?sid=rssfeed\\_channelSecurity](http://www.ftponline.com/channels/security/vsm/2004_05/magazine/columns/databasedesign/?sid=rssfeed_channelSecurity) - 38k - [Cached](#) - [Similar pages](#)

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